

# PATENT ABSTRACTS OF JAPAN

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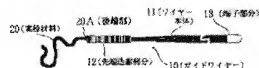
ISOZAKI SHUJI

(54) EMBOLUS MATERIAL, MEDICAL WIRE DEVICE, AND ITS USING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a sure embolus effect at the prescribed portion in a vessel structure by forming an embolus material with a hydrophilic resin into a rod shape.

SOLUTION: A rod-like embolus material 20 is connected to the tip of a conductive guide wire functioning as an inductor for guiding the embolus material 20 to an aimed portion to form a medical wire device. The embolus material 20 is formed into a rod shape with a hydrophilic resin selected from resins giving no adverse effect to an organism, having flexibility, and fused by heating, e.g. a polyvinyl alcohol polymer such as polyvinyl alcohol is used. A medicine such as a blood coagulation accelerating



material is contained in the embolus material 20, the formation of thrombus is accelerated in an embolus boss, and an embolus effect can be exerted. A large quantity of the embolus material 20 can be filled at a high density in one action without damaging the inner wall of a vessel.